

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re Application of:

Rothman et al.

Art Unit: 3764

Serial No.: 09/062,714

Filed: April 20, 1998

For: Belt with Detachable
Bladder for Cardiopulmonary
Resuscitation and Circulatory
Assist

Examiner: B. Koo

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TECHNOLOGY CENTER R3700

ATTACHMENT OF CLAIMS

The claims presented above have been amended by the Response
submitted herewith on April 27, 2001, as follows:

12. (new) An inflatable vest for administering CPR to a patient,
the patient having a chest, the vest comprising:

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a belt sized to circumferentially fit around the patient,
said belt having a width to cover a substantial portion of
the chest of the patient, said belt being substantially
circumferentially inelastic when fitted around the patient;
and

a bladder, attached to the belt, said bladder having a width,
said bladder comprising:

a bottom-chest panel composed of an inelastic material that
is adapted to cover at least a substantial portion of the
top of the chest of the patient; and

a top-belt panel composed of an inelastic material and sealed to said bottom-chest panel to form a gas tight bladder chamber having an opening to receive compressed gas, and

wherein the bottom-chest panel and the top-chest panel forming a radially inelastically extensible bellows.

13. (new) The vest of claim 12, wherein said panels of the bladder are made of nylon fabric double coated with polyurethane.

14. (new) The vest of claim 12, wherein the width of said bladder is at least two inches greater than the width of the vest.

15. (new) An inflatable vest for administering CPR to a patient, the patient having a thorax, the vest comprising:

a belt sized to circumferentially fit around the patient, said belt having a width to cover the thorax of the patient, said belt being substantially circumferentially inextensible when fitted around the patient; and

a bladder, attached to the belt, said bladder having a width greater than the width of the belt, said bladder comprising:

a bottom-chest panel composed of an inextensible material that is adapted to cover the thorax of the patient;

a top-belt panel composed of an inextensible material and sealed to said bottom-chest panel to form a gas tight bladder chamber having an opening to receive compressed gas; and

wherein the bottom-chest panel and the top-chest panel forming a radially extensible bellows.

16. (new) The vest of claim 15, wherein the width of said belt is about (10) inches.

17. (new) The vest of claim 15, wherein the width of said bladder is at least two inches greater than the width of the vest.

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AI } 18. (new) An inflatable vest for administering CPR to a patient, the patient having a chest, said vest comprising:

a belt sized to circumferentially fit around the patient, said belt having a width to cover a substantial portion of the chest of the patient, said belt being substantially circumferentially inextensible when fitted around the patient;

a detachable bladder, detachably attached to the belt, said bladder having a width, said bladder comprising:

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Cont a bottom-chest panel composed of an inextensible material that is adapted to cover at least a substantial portion of the top of the chest of the patient;

a top-belt panel composed of an inextensible material and sealed to said bottom-chest panel to form a gas tight bladder chamber having an opening to receive compressed gas; and

wherein the bottom-chest panel and the top-chest panel forming a radially extensible bellows.

Sub 19. (new) The vest of claim 18, wherein said panels of the bladder are made of nylon fabric double coated with polyurethane.

20. (new) The vest of claim 18 wherein the width of said bladder is at least two inches greater than the width of the best.

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